

LODGE NOTICES

MASONIC CALENDAR

WEEK ENDING OCTOBER 21, 1911.
 Monday—Chapter, Regular.
 Tuesday—K. T. Temple.
 Wednesday—Night, Oct., 21.
 Chapter M. M.
 J. T. ABRAMS, W. M.
 J. L. BLAIR, Secy. F. & A. M.
 H. W. JORGENSEN, H. P.
 C. F. PHILBROOK, E. G.
 W. R. BANKS, Secy. R. A. M. & K. T.

KNIGHTS OF PYTHIAS
 Rathbone Lodge, No. 10
 Knights of Pythias
 meet the first, second
 and fourth Tuesdays of
 each month in Pythian
 Castle. Visiting brothers
 are cordially invited.

ORDER OF EASTERN STARS
 Pearl Chapter No. 4
 Meets in Masonic Hall
 Second and Fourth
 Wednesdays of each
 month.
 E. M. Perry, W. M.
 Katherine Patt. Sec.

W. O. W.
 Woodmen of the World meet at
 Fair hall, the second and fourth
 days of each month. Visiting brothers
 are invited to attend.
 GEO. H. COBBE, C. C.
 C. N. THOMAS, Clerk

LODGE NO. 671
 Regular meetings first and third
 Tuesdays of each month.
 Visiting brothers cordially invited
 to attend.
 T. O. McGrath, Exalted Ruler.
 Secretary.

M.W.A.
 Bisbee Camp No. 13415
 Modern Woodmen of
 America, meets second
 and fourth Thursdays in I. O.
 O. F. hall. Visiting neighbors are
 invited to attend.
 R. L. MOTZ, Clerk.
 J. D. TAYLOR, Consul.

ORDER OF OWLS
 No. 1208
 1st - 2
 Thursdays.
 Odd Fellows Hall

N. A. S. E.
 (Arizona No. 4.)
 Meets every Monday evening in
 Y. M. C. A. building. All visiting
 brothers cordially invited.
 Sec. E. J. IRVING.
 Pres. H. H. FRICKE.

I. O. R. M.
 Meets every Thursday evening at
 7:30 o'clock in Pythian Castle. All
 visiting Red Men welcome.
 JOSEPH MCNEILS, Sachem.
 F. C. FENDERSON, K. of R.
 M. D. COHEN, Medicine Man.

Bisbee Lodge No. 718
 Meetings every Friday night, Masonic
 Temple. Visiting brothers cordially
 invited.
 F. E. BENNETT, Dictator.
 W. S. LANFORD, Secretary.

The Worth Of Your Glasses
 should not be estimated in Dollars and Cents.
 If they supply, adequately, the deficiency in your vision, enabling
 you to see normally they are almost priceless in the amount
 of good they do you.
 Their value LIES IN THE SERVICE THEY RENDER YOU.
 If you're not giving you all the help a pair of correctly
 fitted glasses can give, come in and let us make an examination
 of your eyes and find out where the trouble lies. If we fitted
 them and they do not suit your case we want to know it.

L. L. GILLMAN
 Jeweler and Optician

Figures Do Not Lie
 If it be true that figures do not lie, then as nearly
 as mathematics can show the present population of San
 Diego is about 51,000.
 These figures, which are the result of two simple
 calculations in division and multiplication, are based
 on the school population of the city.
 In June, 1910, when the national census was taken,
 the population of the city was approximately 39,574
 and the attendance at the public schools at the end of
 that month was approximately 4700.
 Judging by those figures, there were for very ten
 school children in the city 83 population. It is no more
 than reasonable to presume that the same ratio obtains
 at the present time. The school attendance at the end of
 September was 6484. Multiplying this by 8.3 gives
 53,817 population for the city. Making due allowance
 for the private schools, this would easily give San Diego
 a population of 54,000 at the present time, an in-
 crease of 15,000 over the census figures of June, 1910,
 which would go to prove that the city has been growing
 at the rate of about 1600 a month during the past fifteen
 months—San Diego Union, October 12, 1911.

W. B. Blanton
 1550 D. COR. 712
 San Diego, California

SONORA LODGE NO. 23
 I. O. O. F.
 Cananea, Mexico
 meets every
 Monday night in Eagle hall.
 Visiting brothers cordially invited.
 JOHN TURNER, N. G.
 J. HOWARD, Sec'y.

BISBEE LODGE NO. 10.
 I. O. O. F.
 meets every
 Wednesday evening
 in Odd Fellows Hall, Main St.
 Visiting brothers are cordially
 invited to attend.
 E. SEIDEL, N. G.
 F. J. ATTAWAY, Secretary.

F. O. E.
 Bisbee Aerie 175, F. O. E. meets
 first and third Mondays, 8 p. m.
 Fair Hall. Visitors cordially wel-
 comed.
 Wm. BUCKETT, President
 M. D. COHEN, Aerie Physician.

L. O. T. M.
 The Ladies of
 the Moose meet
 in the Fair hall
 the first and
 third Tuesdays of
 each month, 7:30 p. m. Visiting
 members cordially invited.
 JOSEPHINE VERFUTH,
 Commander.
 MYRTLE MCKEEHAN,
 Record Keeper.

T. F. B.
 FRATERNAL
 BROTHERHOOD
 Bisbee Lodge No.
 452 meets every
 Wednesday evening
 at K. of
 P. Hall. Visiting
 members cordi-
 ally invited.
 Wm. P. MARDON, President.
 HARBARA SHREAR, Secretary.

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 Record Keeper.

I. O. O. F.
 Golden Rule Encampment No. 5,
 I. O. O. F. Meets every second and
 fourth Fridays, Odd Fellows' hall,
 Cochise Canyon immediately follow-
 ing.

GEO. VANDEWALKER,
 F. C. FENDERSON, C. P.
 Scribe, 224

**Brotherhood of American
 Yeoman**
 Richard I. Homestead 895
 meets second and fourth
 Tuesdays at Odd Fellows
 Hall. Visiting Archers are
 cordially invited.
 E. D. STINSON, Foreman
 W. W. GIDLEY, correspondent Box 98.

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 Golden Rule Encampment No. 5,
 I. O. O. F. Meets every second and
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 Cochise Canyon immediately follow-
 ing.

Only One Person in a Hundred
 can keep money in his possession and not let
 it slip through his fingers.
PUT A DOLLAR IN YOUR POCKET
 and see how much you have of it in a week's time.
 Money put in your bank is there when you want it
MORAL—OPEN A BANK ACCOUNT WITH US TODAY
WE PAY 4 INTEREST ON SAVING ACCOUNTS.
OFFICERS—J. C. Collins, Pres., C. L. Edmundson, V. Pres., W. S.
McKee, Vice Pres., B. R. Kuykendall, Cash., S. L. Blair, Ass't
Cash., O. W. Wolf, Ass't Cash.
DIRECTORS—J. C. Collins, W. E. McKee, C. A. McDonald,
C. L. Edmundson, B. A. Kuykendall.

Citizens Bank and Trust Company
 BISBEE, ARIZONA.

L. J. OVERLOCK BROKER

Connecting with Logan & Bryan
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CORRESPONDENTS: Paine Web-
ber & Co., Boston and Calumet,
Logan & Bryan, Chicago and New
York.

SPECIAL ATTENTION GIVEN COPPER STOCKS

American Block Lump COAL

Call and see us about your winter supply of coal and
wood. Give us your order now as we can deliver
more promptly than when the winter rush is on.
Good supply on hand of Oak and Juniper Chunks
for your heater.
Phone 235 Independent Fuel & Feed Co.

Copper Queen Consolidated Mining Co. REDUCTION WORKS

We Are Now in the Market for
the Purchase of Copper Ore
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DOUGLAS ARIZONA

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CAPSULES
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 Relieved in
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 Each Cap-
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DR. H. A. SCHELL'S
EYE
WATER
 THE BEST
 FOR ALL EYE AFFECTIONS

Mr. Builder:
We furnish everything
--hot air if necessary.

We appreciate your orders,
and to fill them gives us
pride.

When we receive an order it
is never cast aside;
On the minute we get busy
and order things about.

Til it's filled with great ex-
actness, when we ship it
quickly out.

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WATKINS Lumber Co.

The Shattuck
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Anheuser Busch Beer
Shattuck's Squirrel
Whiskey
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Palace Livery
 and Undertaking Co.
 Bowen & Hubbard, Proprietors.
 Automobiles for hire.
 Phone
 Bisbee 23
 Phone
 Lowell 7

O. K. STABLES.
 Ambulance Service Day
 and Night
PHONE 15.
FLETCHER & HENNESSEY

When in Lowell call at the
old New Branch Saloon
Frank & Fritz
Big Beer and Bowl of Soup
15c

Terrier saved Life.
 A sagacious Irish terrier named
 Fynde averted a tragedy the other
 night at Belfast. About one o'clock in
 the morning the terrier awoke his mis-
 tress, and by barking and pulling at
 her dress led her to where a Miss
 Jones, a visitor, was sleeping. There
 was a strong smell of gas in the room,
 and the girl was found lying uncon-
 scious. It was discovered that there
 was a leak in the gas pipe. But for
 the dog's warning, Miss Jones would
 in all probability have been suffoca-
 ted. As it was, she soon recovered.

Review Want Ads, Pay

Warren District Mines

When George M. Walker, the well
 known writer upon copper mines and
 the metal situation and market con-
 ditions was in Arizona last summer,
 he paid a visit to the Warren Dis-
 trict besides visiting the other min-
 ing districts of the state and taking
 a trip to Canada. After he had been
 pretty well over the copper producing
 sections in the course of an inter-
 view on the copper situation in Ariz-
 ona, Mr. Walker remarked on the
 changed conditions that he saw, or
 believed that he saw. In this inter-
 view he stated that in the past eight
 or ten years he had paid a number of
 visits to Arizona in order to keep in
 touch with conditions and see them
 for himself. "When I first visited
 Bisbee and the Warren District,"
 said he, "there was little other than
 oxide ores mined and smelted. Then
 the mine owners were all saying that
 if they could only strike sulphide
 ores there would be a real profit in
 the mining, then they could make
 money at the cost of production
 would be greatly diminished. Now I
 notice that they have the sulphides
 and are mining them exclusively.
 I do not know whether the old supply
 of oxides is being neglected or has
 been exhausted but I was struck by
 the fact that sulphide ore has sup-
 planted the oxide."

The condition that Mr. Walker re-
 marked is one that seems apparent
 and yet when one investigates it is
 found that such is not the actual
 state of affairs. The supply of oxides
 is not exhausted but it is being neg-
 lected. On the contrary there is as
 much of that character of ore mined
 and reduced today as there was in old
 days. It is quite true that there is
 now a much greater quantity of sul-
 phide ores used than there was in the
 days to which Mr. Walker refers,
 but it is also true that the output
 of the mines is very much larger now
 than then. This increase has come
 from the sulphide ores that were
 found and are now being taken out
 and shipped to the smelters. It is
 true that there is now a large excess
 of sulphide ores over oxides but
 those in a position to know in the
 big companies here state that there
 is as much of the latter character
 of ore now taken out as there was
 formerly. The preponderance of sul-
 phides that grew up and now exists
 required changes in smelter treat-
 ment. Different furnaces were install-
 ed and different methods are now em-
 ployed, thus enabling the reduction
 of ores of both qualities but with
 the sulphides largely in excess.

In the old days there was the call
 for the sulphide ore and it is true
 that oxides predominated. Now that
 the wishes that were then expressed
 have been realized, due advantage
 of the circumstance has been taken
 with the result that the cost of pro-
 duction today is far less than it was
 at that time. Were this not the
 case the dividends of the Calumet
 and Arizona and the Copper Queen
 companies would be materially less
 than they are now for with the pre-
 sent price of copper it is only the
 companies that can produce at low
 cost that can manage successfully
 and keep up the dividends that were
 paid when metals were on a higher
 basis. Thus it is the very prepon-
 derance of the sulphides, a matter
 that caused improvements and changes
 to be made at the reduction works,
 that today enables the great mines
 of the Warren District to produce
 successfully and renders it unneces-
 sary for them to curtail their out-
 put so as to conserve the supply in
 sight for periods when higher prices
 prevail. It is a fortunate circum-
 stance and one that seldom receives
 attention unless brought to mind by
 an observation such as that which
 was made by Mr. Walker on the oc-
 casion of his last visit here.

Exploration work, some of it of a
 pioneer nature continues to occupy
 the attention which it deserves with
 both of the big companies of this
 district. The taking out of ore, while
 primarily the business of mining com-
 panies and a fundamental to its suc-
 cessful operation is not the only
 matter of consequence nor is the
 development of the known ore bod-
 ies. Were such the policy carried out
 whenever the known bodies became
 exhausted the shipments must be
 ended till new bodies are discovered.
 Hence exploration must be continued
 in addition to production. The man-
 agement of the company is always
 looking into the distant future as
 well as the near future and provid-
 ing so far as possible against an ex-
 haustion of ore supply. It is indis-
 putable that every pound taken out
 is gone forever and that some fine
 example must come but temporary
 lack at any time until the end is
 reached, is what exploration work in
 unknown country is designed to do
 and does prevent.

In Bisbee and in the Warren dis-
 trict the end of the great producers
 is far from being in sight. That
 is, unless we never raised to view
 above the horizon of a dim and distant
 future. Exploration work for depth
 has produced results that would not
 have been believed a few years ago.
 At the 1600 level, the ore is still there
 and only further work for depth can
 tell when it will end. So long as
 improvements continue to make it
 possible to bring up ore from deep
 levels as cheaply as they could be
 brought up from higher levels the
 Warren district mines may be worked
 profitably and such a condition seems
 likely to exist for many years to
 come.

Among other pioneer work explor-
 ation of unknown territory, the Cal-
 umet and Arizona for the past few
 months has been extending opera-
 tions to the south and east from the
 Berg shaft. This was an unknown
 country, and whether the ore bodies
 continued in that direction was some-
 thing that could only be determined
 by entering into it and this was done.
 This exploration work has carried the
 exploration far from the known dis-
 tricts and thus far the results have
 been highly satisfactory. Ore bodies
 have been encountered but their ex-
 tent not determined. Experience in
 the past shows that there are some-
 times discovered veins of ore bodies
 100 feet in width that look promising
 for long producers but which are
 exhausted in three months while
 again ore is encountered of only half
 that width in extent and at the end
 of two or three years that particular
 deposit is still being worked. So it
 is with preliminary exploration work.
 It shows certain bodies of certain
 widths but the depth and length can
 only be determined by further ex-
 ploration and at times only by actual
 production work, the taking out of
 the ore itself. Thus while the work
 to the southeast of the Berg shaft
 has been highly satisfactory thus far
 the extent of the deposits encountered
 can only be determined with time.

Other exploration work is going on
 in making the connection between
 the Houston and the Oliver which
 are to be connected from the 1200 and
 1600 levels respectively. This is al-
 so new country through which they
 are drifting and the results that are
 being obtained at these deep levels
 are highly interesting.

The C. and A. is doing no less
 to outsiders for the taking out of
 lead-silver ore. There is found the
 same character of ore in their prop-
 erties, between line and copper, that
 is found on the Copper Queen prop-
 erties where there are a score of
 leasers. What the extent of those
 deposits are, has not been determined.
 They may be as great as on the
 neighbor's property and they may not
 it has been against the policy of
 this company to do any leasing and at
 this time it is not heading the lead-
 silver ore which can be later mined
 when deemed desirable as occasion
 may arise.

Increased production is the good
 news that comes from the Copper
 Queen mines. Energies are being di-
 rected to that end and
 men are being put to work as fast as
 they can be obtained. It is stated
 that this month the increase of out-
 put from the mines of this company
 reach 50,000. This means more work,
 more employees, a larger pay-roll and
 will be welcomed generally through-
 out the district as one of the most
 encouraging features of the year.

It is evident that the Copper Queen
 management is looking for improve-
 ment in prices and that the demand
 for its output is on the increase else
 the announced contemplated increase
 in production would not have been
 undertaken. Recently there has
 been a stiffening of prices which
 tends to support this theory and to
 encourage all interest in copper min-
 ing either directly or indirectly.

Rapid sinking at the Dallas shaft,
 the newest of the Copper Queen work-
 ings continues. It is now down to
 the 700 mark, and the work for the
 present month is expected to exceed
 150 feet. Before this month's work
 the record being made at the Dallas
 was considered exceptional and the
 progress made in October will still
 further go to the establishing of a new
 record in the district.

These are the most important of
 the reports emanating from the Cop-
 per Queen company during the past
 week.

In the past week encouraging news
 came from the east in the announce-
 ment of an increase of 1 in the price
 of copper. This followed an evident
 increased demand in this country and
 reports that the European surplus had
 been materially decreased. A falling
 off in production for several months
 past, an increased demand in all parts
 of the world has been steadily in-
 creasing the surplus stock of red metal
 on hand month after month and it
 is certain that this decrease, if con-
 tinued will have the certain effects
 of sustaining the price and ultimately
 bringing further increases in prices
 with further decreases in surplus.
 It would not take much stimulation
 to bring buyers into the market and
 when they do appear in any numbers
 a bidding up of metal prices is consid-
 ered as certain to follow.

ALONG THE BY-WAYS OF THE NEW STATE

Dinsmore's Description of the
 Old Hita Mine Near
 Wickenburg

(By Chas. A. Dinsmore)

The Hita mine, nine miles from
 Wickenburg, is the deepest property
 in the section, development at this
 time aggregating 250 feet on the in-
 cline of the vein, giving back of 250
 feet vertical. The vein is a typical
 fissure, the ore free gold. The vein
 has the characteristic vagaries, some-
 times pinching down to a few inches,
 again widening to many feet, the av-
 erage being three feet, trending prac-
 tically east and west and dipping to
 the north about thirty degrees. The
 gangue is a white quartz in a porphy-
 ritic intrusion, with altered granite
 surrounding. The country is here
 the primary granites of the Bradshaw
 quadrangle, the first and oldest for-
 mation. Later there were intrusions
 of Alaskite, a fine grained granite
 rock showing secondary silicification
 in many places, and occurring in dykes.
 Later a faulting disturbed these dykes
 of Alaskite, and the King Solomon
 vein on which the Hita mine is lo-
 cated was formed in the fault. At a
 still later period there was another
 movement, causing more faulting,
 and making the steep faulting, noted
 throughout the property and causing
 the warping and curving on the King
 Solomon vein noted on the fourth and
 fifth levels. This latter disturbance,
 in the opinion of Consulting Engineer
 Eugene Rice, had much to do with
 the mineralization of the King Sol-
 omon vein, and especially in the mak-
 ing of the ore shoots.

Water level is found at 250 feet,
 the vein being entirely oxidized to
 this point and to the greater depth
 attained. There is only gold and
 silver, proportions being an ounce of
 silver to an ounce of gold. In the
 vein at intervals are found manga-
 nese dioxide and hematite, due to
 the oxidation of the pyrite. The ore
 varies in value from 80 cents per ton
 to as many dollars, and will average
 above \$10. Besides the 250-foot shaft,
 there has been done 1,000 feet of
 drifting on the 100 level; 300 on the
 200; 700 on the 500, and a crosscut
 now in 100 feet. All but the latter
 is actually in ore.

The property is owned by a number
 of Pennsylvania coal operators. H.
 Rice is Manager, and his son Eugene
 consulting engineer. Nothing has
 been done since 1908. The principal
 owner, Mr. Hite, recently died;
 and it is believed the heirs and other
 owners will cause an overture to re-
 sume this fall. The property is well
 situated on a good road; abundance
 of water is developed in the mine;
 ample accommodations for manage-
 ment and employees; first class assay-
 ing plant. The arrangements for
 handling the water are economical,
 and so conducted as to give convenience
 in the mine and camp. The work in
 the mine has been excellent and sub-
 stantial; little timbering was neces-
 sary, as the ground holds well. There
 is a feasible mill site down the hill
 from the collar of the shaft. It was
 the original intention of the owners
 to sink 1,000 feet and determine ex-
 tent of all the ore bodies and rich-
 shoots, but this may now be changed.
 As the ore is ideal for milling and cy-
 anide, and as there is sufficient to jus-
 tify a plant, it is thought probable
 that one will be installed and the
 ore milled while development pro-
 ceeds. The management is excellent,
 and the property should be made a
 good producer.

The Fleet